Volume 34, 1987, Numbers 1–3

CONTENTS

Number 1 PAGE

Metabolism of protein anticancer agents: *V. Bocci* 1

Photoaffinity labeling of the calcitonin receptor: *J. M. Moseley, D. M. Findlay, J. J. Gorman and T. J. Martin* 51

Ethanol metabolism: *D. W. Crabb, W. F. Bosron and T.-K. Li* 59

Psoralens and related compounds in the treatment of psoriasis: *M. T. McEvoy and R. S. Stern* 75

Serum enzymes of drug metabolism: *F. M. Williams* 99

Metabolism of hydrazine anti-cancer agents: *D. J. Tweedie, J. M. Erikson and R. A. Prough* 111

Drug metabolism in pregnancy, infancy and childhood: *E. Perucca* 129

Number 2

High performance liquid chromatographic separation of DNA adducts induced by cancer chemotherapeutic agents: *D. B. Ludlum* 145

The formation, isolation and characterization of DNA adducts produced by anticancer platinum complexes: *A. Eastman* 155

Properties and assay of mammalian O^6-alkylguanine-DNA alkyltransferase: *A. E. Pegg and M. E. Dolan* 167

Properties and biological consequences of alkylpyrimidine deoxyribonucleosides: *F. C. Richardson, R. O. Beauchamp, Jr and J. A. Swenberg* 181

Quantitative estimation of cisplatin-induced DNA interstrand cross-links and their repair in mammalian cells: relationship to toxicity: *J. J. Roberts and F. Friedlos* 215

Structure and expression of the complement genes: *D. H. Perlmutter and H. R. Colten* 247

Photoaffinity labeling of *Escherichia coli* ribosomes: *B. S. Cooperman* 271

Nucleoid sedimentation analysis of DNA strand breaks induced in cells exposed to DNA intercalating agents: *M. R. Mattern, D. J. Kerrigan and Y. Pommier* 303

The use of monoclonal antibody affinity columns for assessing DNA damage and repair following exposure to aflatoxin B_1: *J. D. Groopman and T. W. Kensler* 321

Photoaffinity labeling of human plasmin and plasminogen: *T. J. Ryan* 335

Number 3

Experimental manipulations of eating: Advances in animal models for studying anorectic agents: *J. E. Blundell and P. L. Thurlby* 349

Current view on the structure–function relationship of postsynaptic neurotoxins from snake venoms: *T. Endo and N. Tamiya* 403

Ethanol and vitamin metabolism: *C. H. Halsted and C. Heise* 453

Volume 34, 1987, Numbers 1–3

CONTENTS

Number 1 PAGE

Metabolism of protein anticancer agents: *V. Bocci* 1

Photoaffinity labeling of the calcitonin receptor: *J. M. Moseley, D. M. Findlay, J. J. Gorman and T. J. Martin* 51

Ethanol metabolism: *D. W. Crabb, W. F. Bosron and T.-K. Li* 59

Psoralens and related compounds in the treatment of psoriasis: *M. T. McEvoy and R. S. Stern* 75

Serum enzymes of drug metabolism: *F. M. Williams* 99

Metabolism of hydrazine anti-cancer agents: *D. J. Tweedie, J. M. Erikson and R. A. Prough* 111

Drug metabolism in pregnancy, infancy and childhood: *E. Perucca* 129

Number 2

High performance liquid chromatographic separation of DNA adducts induced by cancer chemotherapeutic agents: *D. B. Ludlum* 145

The formation, isolation and characterization of DNA adducts produced by anticancer platinum complexes: *A. Eastman* 155

Properties and assay of mammalian O^6-alkylguanine-DNA alkyltransferase: *A. E. Pegg and M. E. Dolan* 167

Properties and biological consequences of alkylpyrimidine deoxyribonucleosides: *F. C. Richardson, R. O. Beauchamp, Jr and J. A. Swenberg* 181

Quantitative estimation of cisplatin-induced DNA interstrand cross-links and their repair in mammalian cells: relationship to toxicity: *J. J. Roberts and F. Friedlos* 215

Structure and expression of the complement genes: *D. H. Perlmutter and H. R. Colten* 247

Photoaffinity labeling of *Escherichia coli* ribosomes: *B. S. Cooperman* 271

Nucleoid sedimentation analysis of DNA strand breaks induced in cells exposed to DNA intercalating agents: *M. R. Mattern, D. J. Kerrigan and Y. Pommier* 303

The use of monoclonal antibody affinity columns for assessing DNA damage and repair following exposure to aflatoxin B_1: *J. D. Groopman and T. W. Kensler* 321

Photoaffinity labeling of human plasmin and plasminogen: *T. J. Ryan* 335

Number 3

Experimental manipulations of eating: Advances in animal models for studying anorectic agents: *J. E. Blundell and P. L. Thurlby* 349

Current view on the structure–function relationship of postsynaptic neurotoxins from snake venoms: *T. Endo and N. Tamiya* 403

Ethanol and vitamin metabolism: *C. H. Halsted and C. Heise* 453